

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO-1449</b>	DOCKET NO. 10020/30101	SERIAL NO. 10/680,066
	APPLICANT REN et al.	
	FILING DATE October 6, 2003	GROUP <u>1774</u> <del>Not Yet Assigned</del>

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT/ PUBLICATION NUMBER	PATENT/PUBLICATION DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>JS</i>	4,769,292	September 6, 1988	Tang et al.			
	5,703,436	December 30, 1997	Forrest et al.			
	5,707,745	January 13, 1998	Forrest et al.			
	5,834,893	November 10, 1998	Bulovic et al.			
	5,844,363	December 1, 1998	Gu et al.			
	6,013,982	January 11, 2000	Thompson et al.			
	6,087,196	July 11, 2000	Sturm et al.			
	6,091,195	July 18, 2000	Forrest et al.			
	6,097,147	August 1, 2000	Baldo et al.			
	6,294,398	September 25, 2001	Kim et al.			
	6,303,238	October 16, 2001	Thompson et al.			
	6,337,102	January 8, 2002	Forrest et al.			
	6,468,819	October 22, 2002	Kim et al.			
	6,548,956	April 15, 2003	Forrest et al.			
	5,247,190	September 21, 1993	Friend et al.			
	2003/0230980	December 18, 2003	Forrest et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS

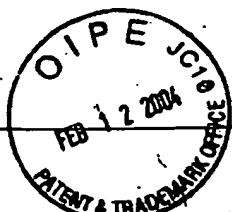
EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.	
<i>JS</i>	Baldo et al., "Highly Efficient Phosphorescent Emission from Organic Electroluminescent Devices," Nature, vol. 395, 151-154, 1998.	
<i>JS</i>	Baldo et al., "Very High-Efficiency Green Organic Light-Emitting Devices Based on Electrophosphorescence," Appl. Phys. Lett., vol. 75, No. 3, 4-6 (1999)	
<i>JS</i>	Adachi et al., "Nearly 100% Internal Phosphorescent Efficiency in an Organic Light Emitting Device," J. Appl. Phys., 90, 5048 (2001)	
<i>JS</i>	Scher et al., "Anomalous transit-time dispersion in amorphous solids," Phys. Rev. B 1975, 12(b), 2455	
<i>JS</i>	Gailberger et al., "DC and transient photoconductivity of poly(2-phenyl-4-phenylenevinylene)," Phys. Rev. B 1991, 44 (16), 8643	
<i>JS</i>	Hertel et al., "Charge carrier transport in conjugated polymers," J. Chem. Phys. 1999, 110(18), 9214	
<i>JS</i>	Chen et al., "Improved time-of-flight technique for measuring carrier mobility in thin films of organic Electroluminescent materials," Jpn. J. Appl. Phys. 2000, 39, 1190	



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JST	Loy et al., "Asymmetric triaryldiamines as thermally stable hole transporting layers for organic light-emitting devices," Chem. Mater. 10, 2235 (1998)
	Adamovich et al., "High efficiency single dopant white electrophosphorescent light emitting diodes," New J. Chem. 26, 1171 (2002)
	Yamamoto et al., "Palladium-catalyzed synthesis of triarylamines from aryl halides and diarylamines," Tet. Lett., 1998 39, 2367-2370
	H. Gilman et al., "Steric hindrance in highly-substituted organosilicon compounds. I. The reaction of aryllithium compounds with some chlorosilanes, ethoxysilanes, and related compounds," J. Org. Chem 15, 720 (1950)
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	Jutzl, Chemische Berichte 1971, 104(5), pp. 1455-67.
	Gilman et al., "Cyclic Organosilicon Compounds. I. Synthesis of Compounds Containing the Dibenzosilole Nucleus", J. Am. Chem. Soc., April 20, 1958, 80 pp. 1883-6.
	Forrest et al., "Measuring the efficiency of organic light-emitting devices**," Adv. Mater. 15, 1043 (2003)
	Patent Application Serial No. 09/931,948 to Lu et al., filed August 20, 2001. *
	Patent Application Serial No. 10/233,470, to Shtein et al., filed September 4, 2002. *
	Patent Application Serial No. 10/295,808, to Kwong et al., filed November 15, 2002. *

\* - A copy is not enclosed in accordance with the notice in the Official Gazette dated August 5, 2003.

EXAMINER <i>Sam Garrett</i>	DATE CONSIDERED <i>5 Aug 2005</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT  
BY APPLICANT  
PTO-1449**

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APPLICANT  
REN et al.

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GROUP *h74*  
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**U. S. PATENT DOCUMENTS**

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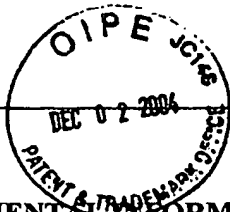
**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS**

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
<i>BT</i>	<i>—</i>	Aldrich Chemical Company (Cat. 14,091-0, Sigma-Aldrich Corp., St. Louis, Missouri) <i>(no date)</i>

EXAMINER <i>Jaun Garrett</i>	DATE CONSIDERED <i>8/5/05</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT  
BY APPLICANT  
PTO-1449**

DOCKET NO.  
10020/27702

SERIAL NO.  
10/860,066

APPLICANT  
FORREST, et al.

FILING DATE  
October 6, 2003

GROUP  
2875 1774

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER	PATENT/PUBLICATION DATE	NAME	CLASS	SUBCLASS	FILING DATE
DS	US 2002/0028329	March 7, 2002	Ise et al.			
DS	US 2002/0117662	August 29, 2002	Nii			
DS	6,558,819	May 6, 2003	Igarashi			

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						YES	NO

**OTHER DOCUMENTS**

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.

EXAMINER	<i>Deun Garrett</i>	DATE CONSIDERED	8/5/05
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO-1449</b>	DOCKET NO. 10020/27702	SERIAL NO. 10/680,066
	APPLICANT REN et al.	
	FILING DATE October 6, 2003	GROUP <del>2879</del> 1774

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EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	CLASS	SUBCLASS	FILING DATE*
<i>DS</i>	2002/0197511	December 26, 2002	D'Andrade et al.	<del>                    </del>	<del>                    </del>	<del>                    </del>

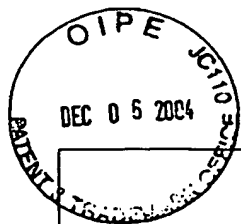
## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						Yes	No
<i>DS</i>	1 298 737	April 2, 2003	EP	<del>                    </del>	<del>                    </del>	X	<del>                    </del>

## OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
<i>DS</i>	<del>                    </del>	X. Zhou, et al., "High-efficiency electrophosphorescent organic light-emitting diodes with double light-emitting layers", Applied Physics Letters, Volume 81, Number 21, pp. 4070-4072, November 18, 2002.

EXAMINER	<i>Daun Guretti</i>	DATE CONSIDERED	8/5/05
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<i>DS</i>	2003/0039858	February 27, 2003	Igarashi et al.			
<i>DS</i>	2002/0182441	December 5, 2002	Lamansky et al.			
<i>DS</i>	2002/0125818	September 12, 2002	Sato et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						Yes	No
<i>DS</i>	WO 01/93642	December 6, 2001	<del>PCT WO</del>			X	
<i>DS</i>	1 353 388	October 15, 2003	EP			X	
<i>DS</i>	2004-0103463 *	April 2, 2004	JP				
<i>DS</i>	WO 02/074015	September 19, 2002	<del>PCT WO</del>			X	
<i>DS</i>	WO 02/052661 *	July 4, 2002	<del>PCT WO</del>				

\* - An English language abstract is provided.

## OTHER DOCUMENTS

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<i>DS</i>	—	R.J. Holmes et al., "Blue organic electrophosphorescence using exothermic host-guest energy transfer", Applied Physics Letters, Volume 82, Number 15, pp. 2422-2424, April 14, 2003.
<i>DS</i>	—	X. Ren, et al., "Highly efficient blue organic electrophosphorescence devices using ultra-high energy gap hosts (UGHs)", Internet page, 31 <sup>st</sup> John Stauffer Lecture in the Sciences, April 9, 2003.

EXAMINER <i>Sam Isarett</i>	DATE CONSIDERED 8/5/05
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	